

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Trevor G. Frank of Fremont, California, Keith A. Hall of San Jose, California, William H. Chandler, Jr. of Milpitas, California, Thomas Boussie of Menlo Park, California, Thomas J. Crevier of San Jose, California and Leonid F. Matsiev of San Jose, California hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below identified application for United States Letter Patent:

Title of Invention: IN-SITU INJECTION AND MATERIALS SCREENING DEVICE

Filing Date: June 29, 2001 Application No.: 09/895,945; and

WHEREAS, Symyx Technologies, Inc., is a corporation organized under the laws of the State of Delaware, located at 3100 Central Expressway, Santa Clara, California 95051, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application, and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their name on the date indicated.

Date: 28 Aug 01

Trevor G. Frank
Trevor G. Frank

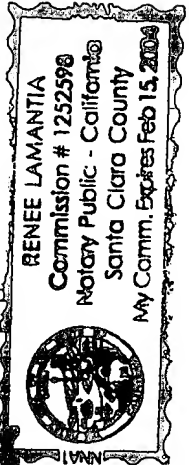
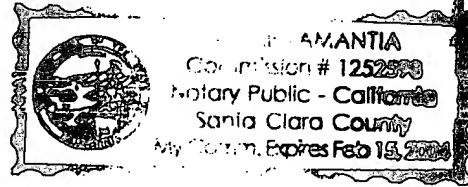
STATE OF California

COUNTY OF Santa Clara

On 28 Aug 01, before me, Reene Lamantia, Notary Public, personally appeared Trevor G. Frank, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Reene Lamantia (Seal)



Date: 22 August '01

Keith A. Hall
Keith A. Hall

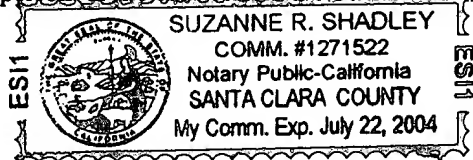
STATE OF California

COUNTY OF Santa Clara

On Aug. 22, 2001, before me, Suzanne R. Shadley, Notary Public, personally appeared Keith A. Hall, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)



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Date: 8/27/01

William H. Chandler, Jr.
William H. Chandler, Jr.

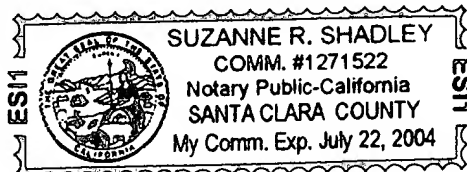
STATE OF California

COUNTY OF Santa Clara

On Aug. 27, 2001, before me, Suzanne R. Shadley, Notary Public, personally appeared William H. Chandler, Jr., personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)



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Date: 8/22/01

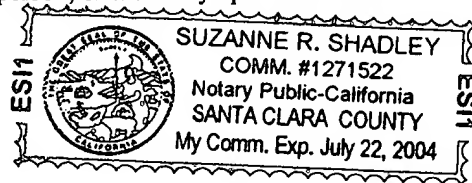
Thomas Boussie
Thomas Boussie

STATE OF California

COUNTY OF Santa Clara

On Aug. 22, 2001, before me, Suzanne R. Shadley, Notary Public, personally appeared Thomas Boussie, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)Date: 8-22-01

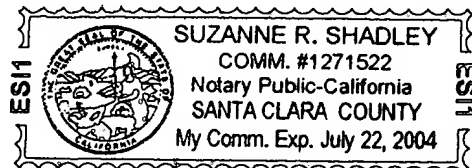
Thomas J. Crevier
Thomas J. Crevier

STATE OF California

COUNTY OF Santa Clara

On Aug. 22, 2001, before me, Suzanne R. Shadley, Notary Public, personally appeared Thomas J. Crevier, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)Date: 08.22.01

Leonid F. Matsiev
Leonid F. Matsiev

STATE OF California

COUNTY OF Santa Clara

On Aug. 22, 2001, before me, Suzanne R. Shadley, Notary Public, personally appeared Leonid F. Matsiev, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal

Signature Suzanne R. Shadley (Seal)